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September 22, 2003

VIA FEDEX

Frank D. Cimino, Esq.
TEXAS INSTRUMENTS
7839 Churchill Way
Mail Station 3999
Dallas, TX 75251

RE: EVENT INPUT PINS
Your Ref. No.: T14124D.x
Our Docket/Invoice No.: 30892.TI

Dear Frank:

In response to your letter dated September 11, 2003, we performed the patentability search, which you requested. The following is a complete report of our search parameters and findings.

SUBJECT MATTER OF SEARCH

In our search, we looked for specific limitations in concert with those embodied by the claims of your submitted disclosure. In particular, we searched for an integrated circuit that comprises of a substrate, operating circuits, a serial data input lead, a serial data output lead, a mode select signal input lead, comparator circuits, event circuits a command register, a data register, and an access port, all formed on the substrate. Note that our search was limited to finding relevant US patents and foreign publications prior to June 30, 1989.

REFERENCES DISCOVERED

4,857,835
5,001,713
4,433,413
5,051,996
4,931,723
4,924,468

Whetsel, Jr.
Whetsel
Fasang
Bergeson et al.
Jeffery et al.
Horak et al.

4,872,169	Whetsel, Jr.
4,860,290	Daniels et al.
4,701,921	Powell et al.
4,683,569	Rubin
4,646,299	Schinabeck et al.
4,642,561	Groves et al.
4,439,858	Petersen
3,826,909	Ivashin
3,657,527	Kassabgi et al.
3,633,100	Hellwell et al.
EP315475A2	Whetsel, Jr.

DISCUSSION OF REFERENCES

Whetsel, Jr. discloses a global event qualification system for integrated circuits (See Claims).

Whetsel discloses an event qualified testing architecture for integrated circuits, which includes input circuitry, output circuitry, application logic circuitry and test circuitry (See Figures and Claims).

Fasang discloses a built-in apparatus and method for testing a microprocessor system, which includes memory means, data source means, signature register means and comparator means (See Figures and Claim 1).

The remaining references are cited as of general interest for your review.

FIELD OF SEARCH

CLASS

714

SUBCLASS

25, 26, 27, 30, 31, 37, 44, 724, 726,
727, 729, 730, 731, 732, 733, 734,
736, 744, For. 100, For. 293, For.
300

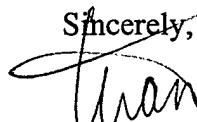
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In addition to a complete search of the above subclasses, Primary Examiner Cynthia Britt of Group 2100 was consulted. This Examiner confirmed our opinion that the most pertinent search areas were covered by the above subclasses.

Enclosed are copies of the cited references and our invoice for services rendered and disbursements for this matter.

In closing, we would like to thank-you for giving us this opportunity to serve you. If there are any questions or comments concerning this search or our services, please contact us at your earliest convenience.

Sincerely,

A handwritten signature in black ink, appearing to read 'Tuan', with a stylized flourish extending from the end of the name.

Tuan Nguyen